

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A heat-resistant coated member in which a substrate consisting essentially of a metal selected from the group consisting of molybdenum, and tantalum, is directly coated by a thermal spraying operation with a layer consisting essentially of lanthanoid-containing oxide.
2. **(Currently Amended)** The heat-resistant coated member of claim 1, wherein the lanthanoid-containing oxide consists essentially of an oxide of at least one element selected from the group consisting of dysprosium, holmium, erbium, terbium, gadolinium, thulium, ytterbium, lutetium, europium and samarium.
3. **(Currently Amended)** The heat-resistant coated member of claim 2, wherein the lanthanoid-containing oxide consists essentially of an oxide of at least one element selected from the group consisting of ytterbium, europium and samarium.
4. **(Currently Amended)** The heat-resistant coated member of claim 1, wherein the layer consisting essentially of a lanthanoid-containing oxide is a lanthanoid-containing oxide layer containing ytterbium in an amount that accounts for at least 80 atom % of all the metal elements including lanthanoid elements.
5. **(Currently Amended)** The heat-resistant coated member of claim 1, wherein the layer consisting essentially of lanthanoid-containing oxide has a thickness of from 0.02 to 0.4 mm.

6. (Currently Amended) The heat-resistant coated member of claim 1, wherein the layer consisting essentially of lanthanoid-containing oxide is provided thereon with one or more layers of a compound of at least one element selected from among Group IIIA to Group VIII elements in the CAS version of the periodic table.

7-8. (Cancelled)

9. (New) A heat-resistant coated member comprising a substrate of molybdenum directly coated by a thermal spraying operation with a layer consisting of lanthanoid-containing oxide.

10. (New) A heat-resistant coated member comprising a substrate of tantalum directly coated by a thermal spraying operation with a layer consisting of lanthanoid-containing oxide.

11. (New) The heat-resistant coated member of claim 9 or 10, wherein the lanthanoid-containing oxide layer consists of an oxide of at least one element selected from the group consisting of dysprosium, holmium, erbium, terbium, gadolinium, thulium, ytterbium, lutetium, europium and samarium.

12. (New) The heat-resistant coated member of claim 11, wherein the lanthanoid-containing oxide consists of an oxide of at least one element selected from the group consisting of ytterbium, europium and samarium.

13. (New) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide is a lanthanoid-containing oxide layer containing ytterbium in an amount that accounts for at least 80 atom % of all the metal elements including lanthanoid elements.

14. (New) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide has a thickness of from 0.02 to 0.4 mm.

15. (New) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide is provided thereon with one or more layers of a compound of at least one element selected from among Group IIIA to Group VIII elements in the CAS version of the periodic table.